

CUBE67+ I/O EXTENSION MODULE

12 multif. channels + 4 IO-Link master V1.1

Expansion module

DIO12/IOL4 - (E) 8×M12

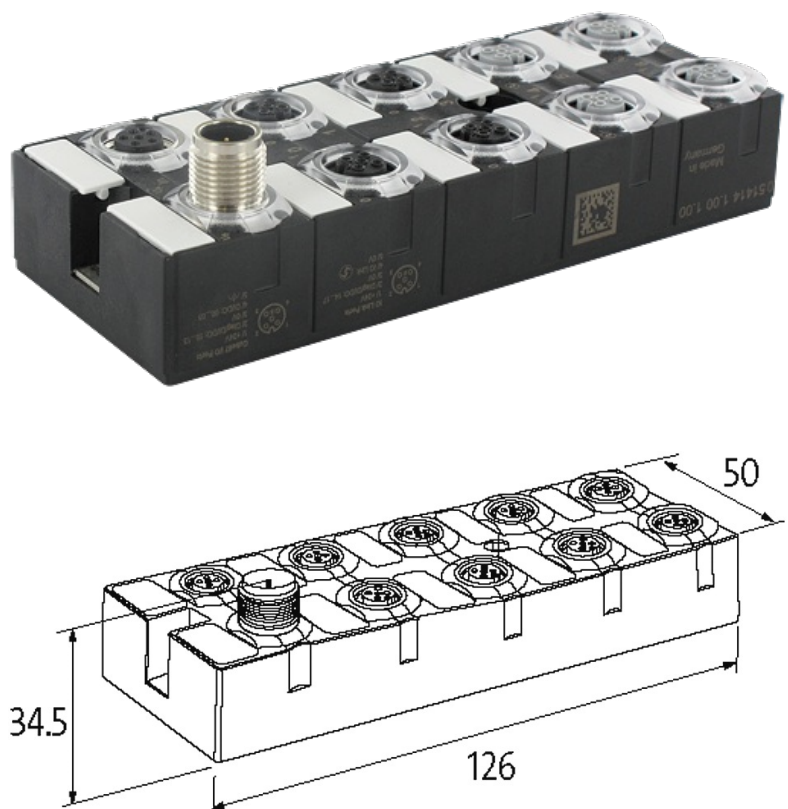
IO-Link Master V1.12

Digital inputs/outputs (multifunctional)

Connection cables are in the online shop under "Connection Technology". Housing fully potted. Cube67+ modules can only be operated on Cube67+, EtherNet/IP, PROFIBUS + PROFINET bus nodes.

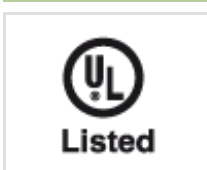
[Link to Product](#)

Illustration



Product may differ from Image

Approvals



More Info

The information in this brochure has been compiled with the utmost care.

Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 03/19

Murrelektronik GmbH | Falkenstraße 3 | 71570 Oppenweiler | Fon +49 (71 91) 47-0 | Fax +49 (71 91) 47-491000 | shop@murrelektronik.com | shop.murrelektronik.com



Input

Sensor supply US	24 V DC (EN 61131-2), max. 200 mA (port 0...3); max. 700 mA (port 4...7)
Type	for 3-wire sensors or mechanical switches, PNP
Input filter	1 ms

Internal communication

Current consumption	max. 100 mA
LED display	US: sensor supply (green: OK); IOL: (green: OK); UA: actuator supply (green: OK)

Connections

Fieldbus	via internal system connection
Sensor-system/actuator supply	via internal system connection (max. 2×4 A)
I/O ports	M12 (female) 5-pole, A-coded

General data

Protection	IP67
Mounting method	2-hole screw mounting
Temperature range	0...+55 °C (storage temperature -20...+75 °C)
Compatible with:	56521; 56526
Dimensions H × W × D	126×30×34.5 mm

IO-Link

IO-Link	4 × Master
Operating modes	COM1; COM2; COM3 (automatic)
Transfer parameters	32 Byte (via IO-Link Port)
Port Class	Class A + B (not galvanically separated)
Specification	IO-Link Master V1.12

Output

Actuator supply UA	24 V DC (EN 61131-2), via system connection (max. 4 A)
Switching current per output	max. 1.6 A (short-circuit and overload protected)
Lamp load	30 W

Parameterization

PIN 2	Input/Output/Diagnostic
PIN 4	Input/Output (port 0...3); IO-Link Master (port 4...7)

Diagnostic

Communication status	via LED
Diagnostic via LED	per module and channel
Diagnostic via BUS	per module and channel

Monitoring - under voltage	yes
Monitoring - no voltage	yes
Short-circuit and overload	yes
Actuator warning	per channel via LED and BUS

Commercial data

country of origin	DE
customs tariff number	85389099
EAN	4048879581431
eClass	27242604
Packaging unit	1